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# MERCHANT & GOULD

## United States Patent Application

### ▼ INSTRUCTIONS

### COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### AN ANTENNA CONTROL SYSTEM

Insert TITLE of invention

Check a or b

The specification of which

a.  is attached hereto

b.  was filed on \_\_\_\_\_

If "b" checked, complete

as application serial no. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

If PCT Application

Insert Int. application  
number & filing date

(in the case of PCT-filed application)

described and claimed in international no. PCT/NZ95/00106 filed 16 October 1995

and as amended on \_\_\_\_\_ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). (Reprinted on back side).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

a.  no such applications have been filed.

b.  such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
New Zealand	264864	4 November 1994	
New Zealand	272778	15 August 1995	
ALL FOREIGN APPLICATIONS, IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

For Continuation-in-Part  
(CIP) Applications,  
complete

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adriano, Sarah B.	Reg. No. 34,470	Gabilan, Mary Susan	Reg. No. P-38,729	Plunkett, Theodore	Reg. No. 37,209
Batzli, Brian H.	Reg. No. 32,960	Gates, George H.	Reg. No. 33,500	Pollinger, Steven J.	Reg. No. 35,326
Beard, John L.	Reg. No. 27,612	Golla, Charles E.	Reg. No. 26,896	Reich, John C.	Reg. No. 37,703
Beck, Robert C.	Reg. No. 28,184	Gorman, Alan G.	Reg. No. P-38,472	Reiland, Earl D.	Reg. No. 25,767
Bejin, Thomas E.	Reg. No. 37,089	Gould, John D.	Reg. No. 18,223	Schmidt, Cecil C.	Reg. No. 20,566
Berman, Charles	Reg. No. 29,249	Gresens, John J.	Reg. No. 33,112	Schuman, Mark D.	Reg. No. 31,197
Bogucki, Raymond A.	Reg. No. 17,426	Hamre, Curtis B.	Reg. No. 29,165	Schumann, Michael D.	Reg. No. 30,422
Bruess, Steven C.	Reg. No. 34,130	Hassing, Thomas A.	Reg. No. 36,159	Sebald, Gregory A.	Reg. No. 33,280
Byrne, Linda M.	Reg. No. 32,404	Hillson, Randall A.	Reg. No. 31,838	Smith, Jerome R.	Reg. No. 35,684
Carlson, Alan G.	Reg. No. 25,959	Hollingsworth, Mark A.	Reg. No. 38,491	Sorensen, Andrew D.	Reg. No. 33,606
Carter, Charles G.	Reg. No. 35,093	Kadievitch, Caroline G.	Reg. No. 38,198	Stinebruner, Scott A.	Reg. No. 38,323
Caspers, Philip P.	Reg. No. 33,227	Kastelic, Joseph M.	Reg. No. 37,160	Strawbridge, Douglas A.	Reg. No. 28,376
Clifford, John A.	Reg. No. 30,247	Kowalchyk, Alan W.	Reg. No. 31,535	Strodthoff, Kristine M.	Reg. No. 34,259
Conrad, Timothy R.	Reg. No. 30,164	Kowalchyk, Katherine M.	Reg. No. 36,848	Sumner, John P.	Reg. No. 29,114
Crawford, Robert	Reg. No. 32,122	Krull, Mark A.	Reg. No. 34,205	Summers, John S.	Reg. No. 24,216
Daignault, Ronald A.	Reg. No. 25,968	Lasky, Michael B.	Reg. No. 29,555	Tellekson, David K.	Reg. No. 32,314
Daley, Dennis R.	Reg. No. 34,994	Lynch, David W.	Reg. No. 36,204	Underhill, Albert L.	Reg. No. 27,403
Daulton, Julie R.	Reg. No. 36,414	Mau, Michael L.	Reg. No. 30,087	Vandenburgh, J. Derek	Reg. No. 32,179
DiPietro, Mark J.	Reg. No. 28,707	McDonald, Daniel W.	Reg. No. 32,044	Vietzke, Lance L.	Reg. No. 36,708
Edell, Robert T.	Reg. No. 20,187	McDonald, Wendy M.	Reg. No. 32,427	Welter, Paul A.	Reg. No. 20,890
Farber, Michael B.	Reg. No. 32,612	Mueller, Douglas P.	Reg. No. 30,300	Williams, Douglas J.	Reg. No. 27,054
Fauver, Cole M.	Reg. No. 36,797	Nelson, Albin J.	Reg. No. 28,650	Wood, Gregory B.	Reg. No. 28,133

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below (or if no address is specified, the first address):

- 3100 Norwest Center, Minneapolis, MN 55402-4131       1000 Norwest Center, St. Paul, MN 55101-2701  
Telephone No. (612) 332-5300      Telephone No. (612) 298-1055
- Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3302  
Telephone No. (310) 445-1140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Insert FULL name(s)  
AND address(es) of  
actual inventor(s)

201	FULL NAME OF INVENTOR	FAMILY NAME <b>HEINZ</b>	FIRST GIVEN NAME <b>William</b>	SECOND GIVEN NAME <b>Emil</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Wellington</b>	STATE OR FOREIGN COUNTRY <b>New Zealand</b>	COUNTRY OF CITIZENSHIP <b>New Zealand</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>74 Beazley Avenue</b>	CITY <b>Wellington</b>	STATE & ZIP CODE/COUNTRY <b>New Zealand</b>
202	FULL NAME OF INVENTOR	FAMILY NAME <b>EHLEN</b>	FIRST GIVEN NAME <b>Mathias</b>	SECOND GIVEN NAME <b>Martin Ernest</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Wellington</b>	STATE OR FOREIGN COUNTRY <b>New Zealand</b>	COUNTRY OF CITIZENSHIP <b>New Zealand</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>26 Forest Road, Pinehaven</b>	CITY <b>Upper Hutt</b>	STATE & ZIP CODE/COUNTRY <b>New Zealand</b>
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203	
DATE <i>April 22 1997</i>		DATE <i>22-4-97</i>	DATE	

Each inventor must sign & date

Note: No legalization or other witness required

For Additional Inventors:

- Check box and attach sheet with same information, including date and signature.

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare:

That my residence, post office address and citizenship are as stated below next to my name.

That I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ANTENNA CONTROL SYSTEM**

the specification of which (check one)

- ( ) is attached hereto.  
 (X) was filed on December 18, 2001 as  
 Application Serial No. 10/025,155  
 and was amended on \_\_\_\_\_  
 (if applicable)

That I have reviewed and understand the contents of the above-identified specification, including the claim, as amended by any amendment referred to above.

That I acknowledge the duty to disclose information known to be material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

That I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>264864</u> (Number)	<u>New Zealand</u> (Country)	<u>04/11/94</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Priority	<input type="checkbox"/> Claimed
<u>272778</u> (Number)	<u>New Zealand</u> (Country)	<u>15/08/95</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>PCT/NZ95/00106</u> (Number)	<u>PCT</u> (Country)	<u>16/10/95</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

That I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

United States Application(s)

<u>09/713,614</u> (Application Serial No.)	<u>November 15, 2000</u> (Filing Date)	<u>Patented</u> (Status)-(Patented, pending, abandoned)
<u>08/817,445</u> (Application Serial No.)	<u>October 16, 1995 (PCT filed)</u> <u>April 30, 1997(371 Date)</u> (Filing Date)	<u>Patented</u> (Status)-(Patented, pending, abandoned)

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the following attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to WELSH & KATZ, LTD., 120 South Riverside Plaza, 22<sup>nd</sup> Floor, Chicago, Illinois 60606, Telephone No. (312) 655-1500:

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Gerald S. Schur	22,053
Gerald T. Shekleton	27,466
James A. Scheer	29,434
Daniel R. Cherry	29,054
Edward P. Gamson	29,381
Kathleen A. Rheintgen	34,044
Thomas W. Tolpin	27,600
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Leonard Friedman	37,135
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Full name of sole or one joint inventor:

William Emil Heinz

Inventor's signature:

  
18-06-02

Date:

Residence and Post Office Address:

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Wellington, New Zealand

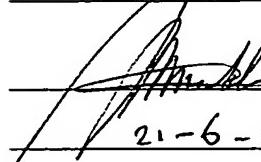
Citizenship:

New Zealand

Full name of additional  
joint inventor, if any:

Mathias Martin Ernest Ehlen

Inventor's signature:



Date:

21-6-2002

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Citizenship:

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